

The Claims

1. A fingerprint identification system comprising:
- 5 a) a portable fingerprint scanner which can be hand carried to various locations for obtaining fingerprint images and for storing the images obtained in the scanner; and
- 10 b) at least one docking station at a location spaced from the location where fingerprint images are obtained, the docking station being in the form of a receptacle for receiving the scanner, the fingerprint images being downloaded from the scanner when the scanner is received in the docking system.
- 15 2. A system according to claim 1, further including a computer operatively connected to the docking station for processing fingerprint images downloaded from the scanner.
- 20 3. A system according to claim 2, wherein diagnostic routines are provided by the computer for operation on the scanner while in the docking station.
- 25 4. A system according to claim 1, wherein the scanner is battery operated and wherein the docking station is provided with a voltage source for recharging the scanner battery when in the docking station.
- 30 5. A system according to claim 1, wherein the scanner is an ultrasonic fingerprint scanner.
6. A system according to claim 1, wherein the scanner has barcode scanning capability.

7. A system according to claim 1, wherein the docking station is located in a law enforcement vehicle and wherein the scanner is adapted to be carried by a law enforcement officer.

5

8. A system according to claim 7, wherein the scanner is provided with an external magnetic component for attachment to a vehicle during use in obtaining images.

10

9. A system according to claim 1, wherein the scanner has an infrared data link for wireless transmission of fingerprint images while received in the docking station.

15

10. A fingerprint identification and security system comprising:

20

a) a portable fingerprint scanner which can be carried on a person and which includes a time of day clock and a port for data communication to and from the scanner;

25

b) a plurality of docking stations at locations where inspections are to be performed, each of the docking stations being in the form of a receptacle for receiving the scanner, each docking station having a microprocessor and a unique code identification, there being bidirectional data communication between the docking station and the scanner received therein; and

30

c) a supervisory docking station in the form of a receptacle for receiving the scanner for downloading fingerprint images, times of day and docking station identifications from the scanner received therein; and

5 d) whereby when a security person makes a round
when he reaches each inspection location he
operates the scanner to image his fingerprint
and then inserts the scanner into the docking
station at that location and a record is made
of the time of day, unique identification of
the docking station and fingerprint image of
the security person which is stored in the
scanner and then at the end of the round the
10 security person inserts the scanner into the
supervisory docking station which downloads
the fingerprint images and times of day
correlated with the docking station
identification codes.

15 11. A system according to claim 10, further included a
computer operatively associated with the supervisory
docking station for processing the downloaded
fingerprint images, times of day and docking station
20 identification codes.